



**PATENT**

Customer No.: 006980

Docket No.: STAT1061

*SPIN*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

PETITE, Thomas D.

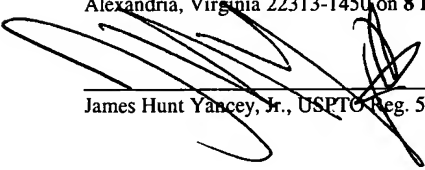
Serial No.: 10/657,398

Filed: 8 September 2003

) Group Art Unit: 2687  
)  
) Examiner: TRINH, Sonny  
)  
) Confirmation No: 4903  
)  
) Docket No.: STAT1061  
) (formerly 081607-1061)  
)

Title: **SYSTEM AND METHOD FOR COMMUNICATING WITH A REMOTE  
COMMUNICATION UNIT VIA THE PUBLIC SWITCHED TELEPHONE  
NETWORK (PSTN)**

I certify that this correspondence is being deposited  
with the United States Postal Service as First Class Mail  
service with sufficient postage in an envelope addressed to:  
MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450,  
Alexandria, Virginia 22313-1450 on 8 DECEMBER 2005.

  
James Hunt Yancey, Jr., USPTO Reg. 53,809

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (IDS)**

**MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Sir:

In accordance with the continuing duty under 37 C.F.R. §1.56 to disclose to the United States Patent and Trademark Office any information that may be material to patentability of the above-identified invention, enclosed please find form PTO/SB/08A listing references presently known to Applicant relating to the above-identified application.

12/16/2005 GWORDDOF1 00000013 201507 10657398

01 FC:1806 180.00 DA

1581699\_1.DOC

In accordance with current IDS submission rules, Applicant submits paper copies of non-PTO documents. Applicant also previously electronically filed ten electronic information disclosure statements containing PTO documents. The electronic submissions were submitted on 5 December 2005. Applicant notes that reference citation numbers 42-46 and 58-59 are not submitted herewith. Applicant is diligently searching for these references and will provide them in a later submission.

The submission of this information shall not be deemed an admission that this information is necessarily material to the patentability of the above-identified Application. In addition, the submission of this information shall not be construed as a representation that a search has been made.

Applicants also respectfully request the docket number of this Application be changed from 081607-1061 to STAT1061. The prosecution of this Application has been transferred to a new law firm (Troutman Sanders LLP), and its docketing procedures will utilize this new docket number. A *Revocation and Appointment of Power of Attorney* to the new firm and a *Change of Correspondence Address* are enclosed to perfect this change in counsel to reflect that the new law firm is now prosecuting this Application.

Accordingly, Applicants respectfully request the PTO to update the records associated with this application to reflect the new power of attorney to Patent Practitioners associated with Customer Number 006980 and to direct all correspondence in connection with this patent application to the address associated with Customer Number 006980.

### **FEES AND CONCLUSION**

Applicant believes that an IDS fee of \$180 is due for submitting this *Transmittal of Information Disclosure Statement (IDS)* in accordance with 37 C.F.R. § 1.97(c). The Commissioner is authorized to debit the \$180 fee from Deposit Account No. 20-1507. Applicant does not believe that any other fees due, but the Commissioner is authorized to charge such additional fees to Deposit Account No. 20-1507.

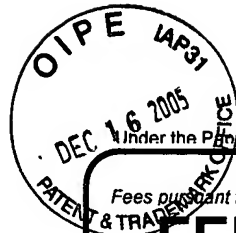
Respectfully submitted,

TROUTMAN SANDERS LLP



James Hunt Yancey, Jr.  
USPTO Reg. No. 53,809

TROUTMAN SANDERS LLP  
Bank of America Plaza  
600 Peachtree Street, N.E., Suite 5200  
Atlanta, Georgia 30308-2216  
P: 404.885.3696  
F: 404.962.6828  
E: hunter.yancey@troutmansanders.com  
**DATE: 8 DECEMBER 2005**



Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

**Complete if Known**

Application Number	10/657,398
Filing Date	09/08/2003
First Named Inventor	Thomas Petite
Examiner Name	Trinh, Sonny
Art Unit	2687
Attorney Docket No.	STAT1061

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 20-1507 Deposit Account Name: Troutman Sanders

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>		
- 20 or HP = _____ x _____ = _____		
HP = highest number of total claims paid for, if greater than 20.		
<b>Indep. Claims</b>		
- 3 or HP = _____ x _____ = _____		
HP = highest number of independent claims paid for, if greater than 3.		

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Late Filing Surcharge for IDS

180.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 53,809	Telephone 404-885-3696
Name (Print/Type)	James Hunter Yancey, Jr.		Date

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449/PTO

**(Use as many sheets as necessary)**

Sheet

6

Q

19

Application Number

10/657,398

Filing Date

09/08/2003

First Named Inventor

Thomas Petite
---------------

Art Unit

2687

Examiner Name
---------------

Trinh, Sonny

Attorney Docket Number

STAT1061

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	36	WO 01/24109	04/05/2001	Moore North America, Inc.		
	37	WO 02/08725	01/31/2002	Automated Meter Reading..		
	38	WO 02/08866	01/31/2002	Itron, Inc.		
	39	WO 02/052521	07/04/2002	Schlumberger Ind. et al.		
	40	WO 03/007264	01/23/2003	Horst Ziegler		
	41	WO 03/021877	03/13/2003	Wireless Reading Systems		

**Examiner  
Signature**

Date  
Cons

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

**(Use as many sheets as necessary)**

Sheet 7

Q

19

Application Number	10/657,398
Filing Date	09/08/2003
First Named Inventor	Thomas Petite
Art Unit	2687
Examiner Name	Trinh, Sonny
Attorney Docket Number	STAT1061

[illegible]

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		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
	42	KR2001025431	04/06/2001			
	43	FR WO02/052521	07/04/2002			
	44	DE WO03/007264	01/23/200			
	45	NO 03/021877	03/13/2003			
	46	WO 99/13426	03/18/1999			

**Examiner  
Signature**

Date	
Considered	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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First Named Inventor	Thomas Petite
Art Unit	2687
Examiner Name	Trinh, Sonny
Attorney Docket Number	STAT1061

Sheet 8 of 9

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	47	WESTCOTT, Jil et al., "A Distributed Routing Design For A Broadcast Environment", IEEE 1982, pages 10.4.0 - 10.4.5	
	48	KHAN, Robert E. et al., "Advances in Packet Radio Technology", IEEE November 1978, Vol. 66, No. 11, pages 1468-1496	
	49	FRANKEL, Michael S., "Packet Radios Provide Link for Distributed, Survivable C3 in Post-Attack Scenarios", MSN June 1983	
	50	LAUER, Greg et al., "Survivable Protocols for Large Scale Packet Radio Networks", IEEE 1984, pages 15.1-1 to 15.1-4	
	51	GOWER, Neil et al., "Congestion Control Using Pacing in a Packet Radio Network", IEEE 1982, pages 23.1-1 to 23.1-6	
	52	MacGregor, William et al., "Multiple Control Stations in Packet Radio Networks", IEEE 1982, pages 10.3-1 to 10.3-5	
	53	SHACHAM, Nachum et al., "Future Directions in Packet Radio Technology", IEEE 1985, pages 93 - 98	
	54	JUBIN, John, "Current Packet Radio Network Protocols", IEEE 1985, pages 86 - 92	
	55	WESTCOTT, Jill A., Issues in Distributed Routing for Mobile Packet Radio Network," IEEE 1982, pages 233 238	
	56	LYNCH, Clifford A. et al., Packet Radio Networks, "Architectures, Protocols, Technologies and Applications,"	

Examiner Signature	Date Considered
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Application Number	10/657,398
Filing Date	09/08/2003
First Named Inventor	Thomas Petite
Art Unit	2687
Examiner Name	Trinh, Sonny
Attorney Docket Number	STAT1061

Sheet 9

of 9

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	57	BROWNRIGG, Edwin, "User Provided Access to the Internet," Open Access Solutions, <a href="http://web.simmons.edu/chen/nit/NIT'92/033-bro.htm">http://web.simmons.edu/chen/nit/NIT'92/033-bro.htm</a> , 06/08/05 - 06/09/05	
	58	KHAN, Robert E., "The Organization of Computer Resources into a Packet Radio Network," IEEE, January 1977, Vol. Com-25 No. 1, pages 169-178	
	59	WESTCOTT, Jill A., "Issues in Distributed Routing for Mobile Packet Radio Network," IEEE 1982, pages 233-238	

Examiner  
SignatureDate  
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Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Sheet	1	of	9
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*(Use as many sheets as necessary)*

Sheet	2	of	9
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Attorney Docket Number	STAT1061

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	12	GB2297663	08/07/1996	The General Electric Co.		
	13	GB2262683	06/23/1993	British Aerospace Space		
	14	GB2310779	09/03/1997	Linburg Ltd.		
	15	GB2326002	12/09/1998	Centrepoint Technology...		
	16	GB2336272	10/13/1999	Smoothing Investment...		
	17	GB2352004	01/17/2001	Donald George Mackenzie		

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet 3

of 9

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## U. S. PATENT DOCUMENTS

[illegible]

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	18	GB2352590	01/31/2001	Fusion Meters Limited		
	19	JP01255100	10/11/1989	Fuji Electric Co.		
	20	JP11353573	12/24/1999	NTT Electronics Corp.		
	21	JP2001063425	03/13/2001	Ikeda Bussan Co. Ltd.		
	22	JP2001088401	04/03/2001	Canon Inc.		
	23	JP2001357483	12/26/2001	Omron Corp.		

Examiner Signature		Date Considered	
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Sheet	4	of	9
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Application Number	10/657,398
Filing Date	09/08/2003
First Named Inventor	Thomas Petite
Art Unit	2687
Examiner Name	Trinh, Sonny
Attorney Docket Number	STAT1061

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)				
	24	JP2001309069	11/02/2001	Ricoh Elemex Corp.		
	25	JP2002085354	03/26/2002	GE Medical Systems...		
	26	JP2002007672	01/11/2002	NEC Corp.		
	27	JP2002171354	06/14/2002	Toyo Keiki Co. Ltd.		
	28	JP2002007826	01/11/2002	NEC Corp.		
	29	JP60261288	12/24/1985	Meisei Electric Co. Ltd.		

Examiner Signature		Date Considered	
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*(Use as many sheets as necessary)*

Sheet 5

5

9

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**Complete if Known**

Application Number	10/657.398
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	30	JP2001319284	11/16/2001	Aichi Tokei Denki Co...		
	31	JP200113590	04/21/2000	Pioneer Electric Corp.		
	32	WO 90/13197	11/01/1990	Guardian Technologies...		
	33	WO 98/00056	01/08/1998	Vitalcom, Inc.		
	34	WO 98/37528	08/27/1998	Northrop Grumman Corp.		
	35	WO 01/15114	08/21/2000	Digiterm Ltd.		

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Considered

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